

## **CRANE OPERATOR GUIDELINES AT MI-65 & MINOS**

During the Installation Phase of the NuMI Project, and under our Davis-Bacon agreement with the Department of Energy, the crane will be operated by the personnel responsible for the work. As general guidance, the following criteria applies to each of the areas:

1. At MI-65, the crane will normally be operated by T&M subcontracted personnel. There are special cases where lab personnel will manage the delivery of unique and sensitive experimental equipment. In these cases, at the discretion of the task manager, and if the tasks have been determined by DOE to be exempt from Davis-Bacon per the request submitted to DOE on May 20, 2003 and approved on June 6, 2003 ("NUMI PROJECT") or subsequent separate determination, the crane may be operated by lab personnel or contracted personnel (e.g. horn installation).
2. At MINOS, subcontract labor will deliver the Absorber and Labyrinth elements to the tunnel floor. This work has been determined to be Davis-Bacon covered, so must be subcontracted. During the time of Absorber installation, the same subcontract labor, at the discretion of the Floor Manager, will be used to deliver the Detector Planes, down the shaft. Using subcontract labor to deliver detector planes will be done at the discretion of the Floor Manager or his designee. Installation of detector components has been determined by DOE to be not covered by Davis-Bacon, so the work does not have to be subcontracted.
3. In MI-65, subcontract labor will deliver the magnets and stands, and shielding blocks.
4. For special devices at MI-65 (Target, Horn, etc.) lab personnel will supervise the operation of the crane. At the discretion of the Floor Manager, lab personnel may use the crane to lower these devices. (Ref. Item #1 above)
5. At the MINOS shaft, the transfer of the planes from the strongback to the installation fixture will be done by lab personnel.